



Certificate of Analysis

Powered by Confident Cannabis

GVB Biopharma

Las Vegas, NV 89115
 gillian@gvbbiopharma.com
 (352) 440-1278
 Lic. #CBD

Sample: 2205DBL0246.3391.R1

METRC Sample:
 Lot #: T-050422-006

Strain: 3,000mg BSD

Ordered: 05/29/2022; Sampled: 05/31/2022; Completed: 06/15/2022; Analyzed: 06/04/2022

Happy Garden

Ingestible, Tincture, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g
<LOQ Total Terpenes			
α-Bisabolol	1.281	<LOQ	<LOQ
α-Humulene	1.281	<LOQ	<LOQ
α-Pinene	1.281	<LOQ	<LOQ
α-Terpinene	1.281	<LOQ	<LOQ
β-Caryophyllene	1.281	<LOQ	<LOQ
β-Myrcene	1.281	<LOQ	<LOQ
β-Pinene	1.281	<LOQ	<LOQ
Camphene	1.281	<LOQ	<LOQ
Caryophyllene Oxide	1.281	<LOQ	<LOQ
cis-Nerolidol	0.832	<LOQ	<LOQ
cis-Ocimene	0.832	<LOQ	<LOQ
δ-3-Carene	1.281	<LOQ	<LOQ
δ-Limonene	1.281	<LOQ	<LOQ
Eucalyptol	1.281	<LOQ	<LOQ
γ-Terpinene	1.281	<LOQ	<LOQ
Geraniol	1.281	<LOQ	<LOQ
Guaiol	1.281	<LOQ	<LOQ
Isopulegol	1.281	<LOQ	<LOQ
Linalool	1.281	<LOQ	<LOQ
p-Cymene	1.281	<LOQ	<LOQ
Terpinolene	1.281	<LOQ	<LOQ
trans-Nerolidol	0.448	<LOQ	<LOQ
trans-Ocimene	0.448	<LOQ	<LOQ

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
<LOQ Δ9-THC + Δ8-THC				pH: NT Aw: NT
3,256.981 mg/unit CBD				Not Tested Homogeneity
3,420.516 mg/unit Total Cannabinoids				
CBC	0.465	0.958	0.096	
CBCa	0.465	<LOQ	<LOQ	
CBD	0.465	3256.981	325.698	█
CBDa	0.465	<LOQ	<LOQ	
CBDV	0.465	8.560	0.856	
CBDVa	0.465	<LOQ	<LOQ	
CBG	0.465	153.177	15.318	█
CBGa	0.465	<LOQ	<LOQ	
CBL	0.465	<LOQ	<LOQ	
CBN	0.465	0.841	0.084	
Δ8-THC	0.465	<LOQ	<LOQ	
Δ9-THC	0.465	<LOQ	<LOQ	
THCa	0.465	<LOQ	<LOQ	
THCV	0.465	<LOQ	<LOQ	
THCVa	0.465	<LOQ	<LOQ	

1 Unit = Air Command, 10g
 Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Notes: Updated sample name and picture. Heavy Metals were digested in our laboratory and analyzed by a NV approved ISO certified laboratory.



Benjamin G.M. Chew
 Benjamin G.M. Chew, Ph.D.
 Laboratory Director

Kelly Zaugg
 Kelly Zaugg
 Quality Control



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This report is considered highly confidential and the sole property of the customer. DB Labs will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Applicable. ND = Not Detected. NR = Not Reported. NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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Happy Garden

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Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	0	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	0	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	0	<LOQ	Pass
Daminozide	10	0	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Pacllobutrazol	10	0	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials

Analyzed by 300.1 Plating/QPCR

Complete

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	<LOQ	<LOQ	Tested
Bile-Tolerant Gram-Negative Bacteria	100	<LOQ	<LOQ	Tested

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Tested
Salmonella	Not Detected	Tested

Mycotoxins

Analyzed by 300.2 Elisa

Not Tested

Mycotoxin	LOQ	Limit	Mass	Status
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Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	57	2000	<LOQ	Pass
Cadmium	57	820	<LOQ	Pass
Lead	57	1200	<LOQ	Pass
Mercury	57	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	82	500	<LOQ	Pass
Ethanol	82		<LOQ	Tested
Heptanes	82	500	<LOQ	Pass
Propane	82	500	<LOQ	Pass



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